

## § 433.6

ASHRAE 90.1-2007 (incorporated by reference, see § 433.3), except the formula for calculating the Performance Rating in paragraph G1.2 shall read as follows:

Percentage improvement =  $100 \times ((\text{Baseline building consumption—Receptacle and process loads}) - (\text{Proposed building consumption—Receptacle and process loads})) / (\text{Baseline building consumption—Receptacle and process loads})$  (which simplifies as follows):

Percentage improvement =  $100 \times (\text{Baseline building consumption—Proposed building consumption}) / (\text{Baseline building consumption—Receptacle and process loads})$ .

(b) Each Federal agency shall consider laboratory fume hoods and kitchen ventilation systems as part of the ASHRAE-covered HVAC loads subject to the 30 percent savings requirements, rather than as process loads.

[71 FR 70281, Dec. 4, 2006, as amended at 76 FR 49284, Aug. 10, 2011]

## § 433.6 Sustainable principles for siting, design and construction. [Reserved]

## § 433.7 Water used to achieve energy efficiency. [Reserved]

## § 433.8 Life-cycle costing.

Each Federal agency shall determine life-cycle cost-effectiveness by using the procedures set out in subpart A of part 436. A Federal agency may choose to use any of four methods, including lower life-cycle costs, positive net savings, savings-to-investment ratio that is estimated to be greater than one, and an adjusted internal rate of return that is estimated to be greater than the discount rate as listed in OMB Circular Number A-94 “Guidelines and Discount Rates for Benefit-Cost Analysis of Federal Programs.”

## PART 434—ENERGY CODE FOR NEW FEDERAL COMMERCIAL AND MULTI-FAMILY HIGH RISE RESIDENTIAL BUILDINGS

Sec.

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